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FIG. 1

CONTIG Sequence 4 (kilobase):

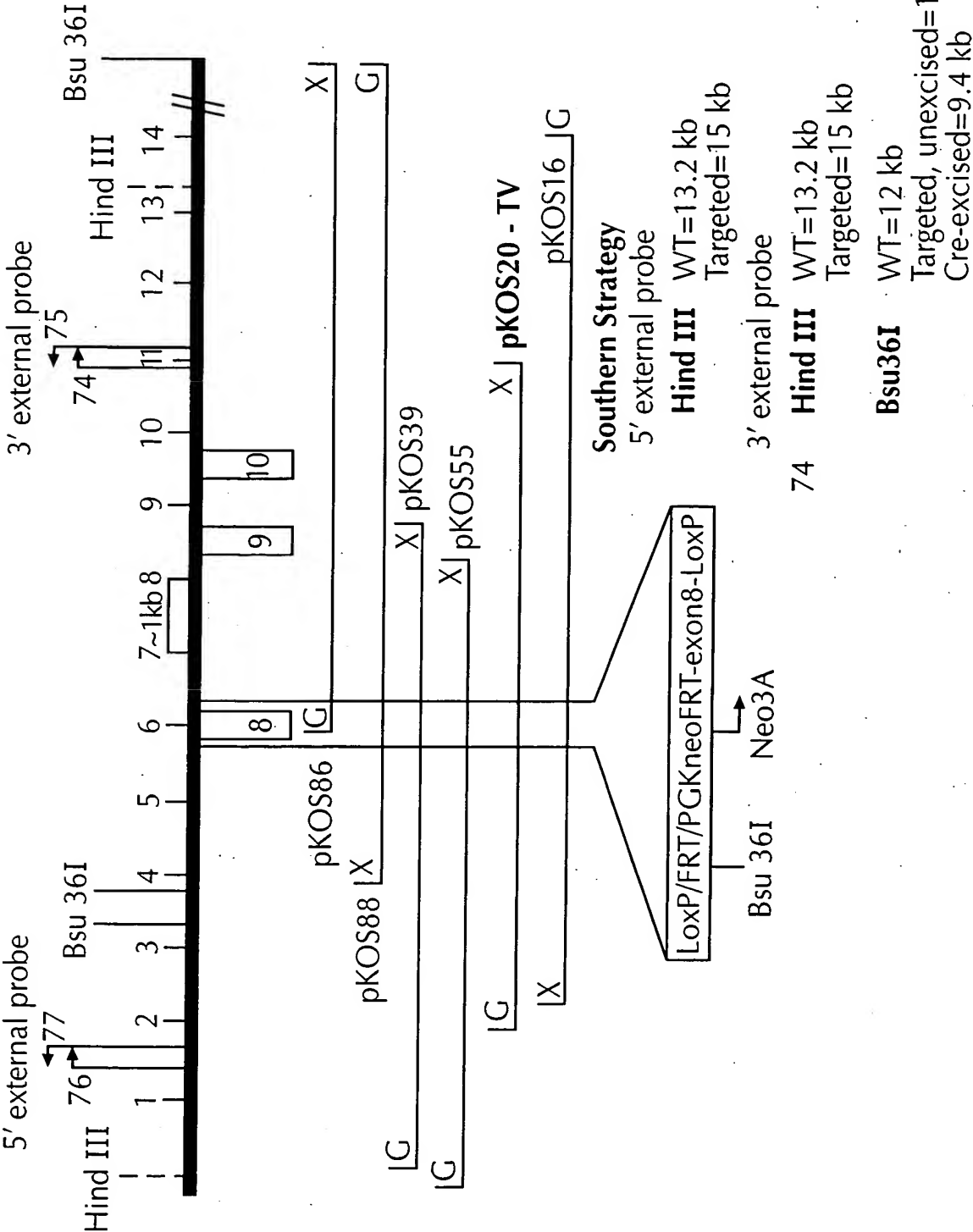
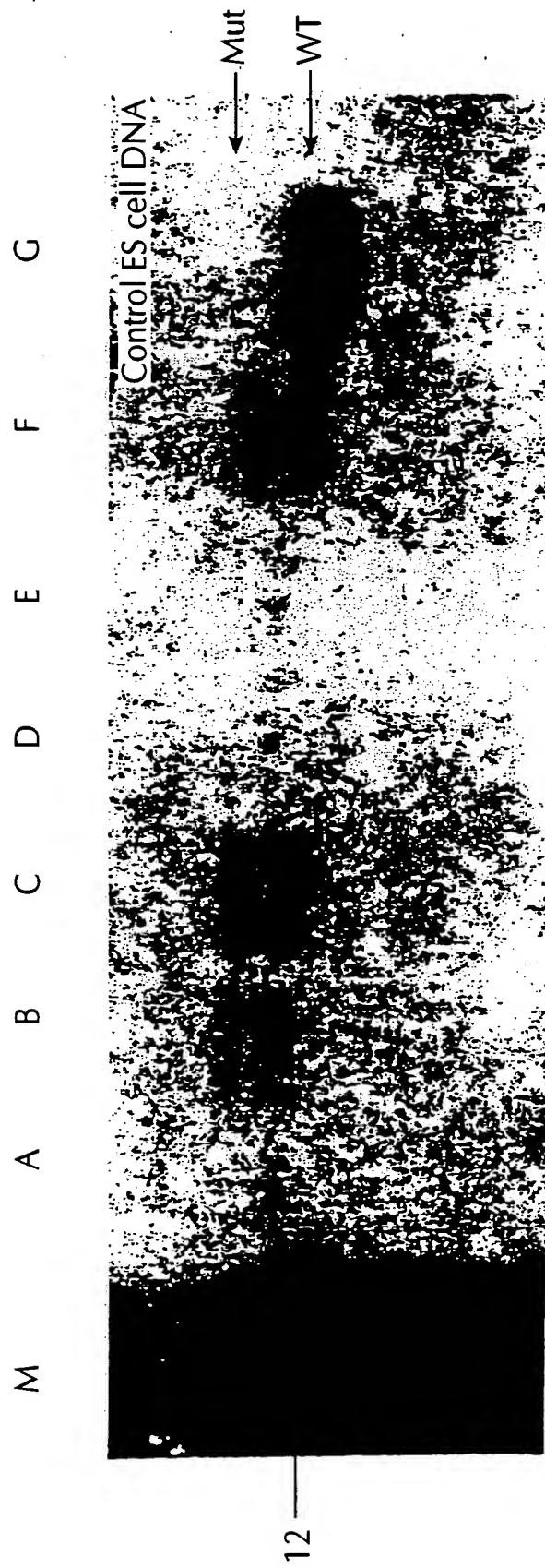


FIG. 2



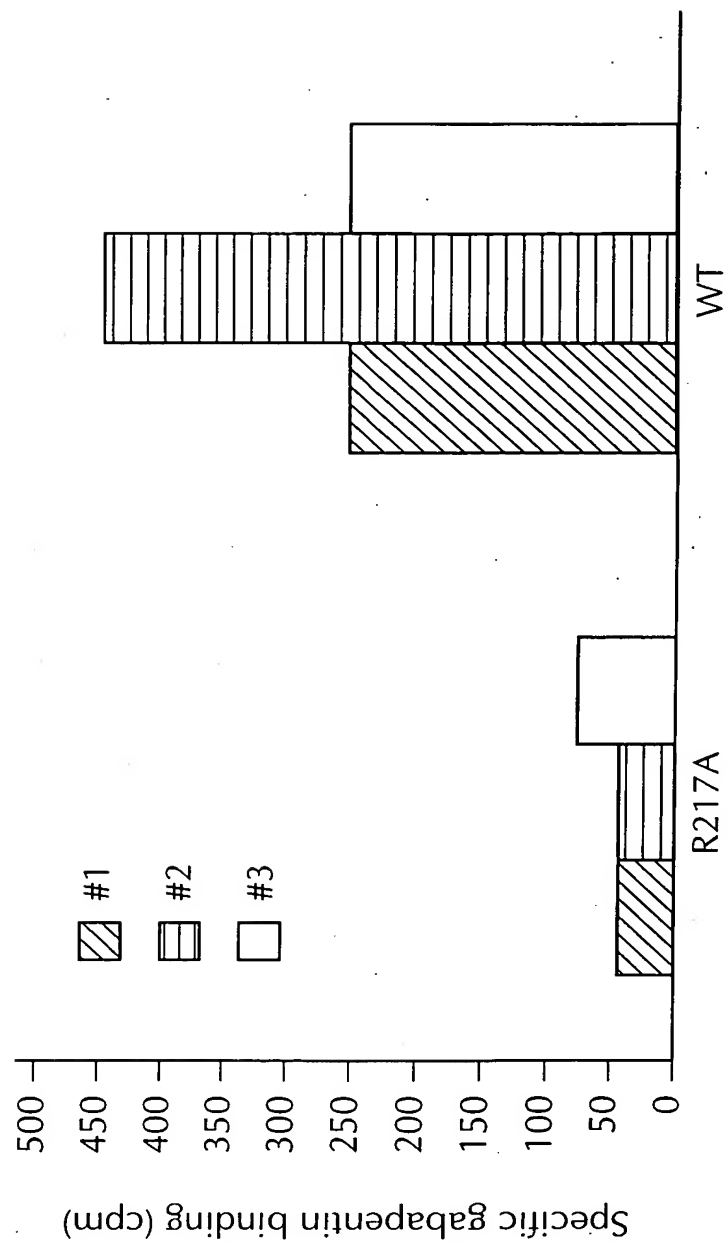
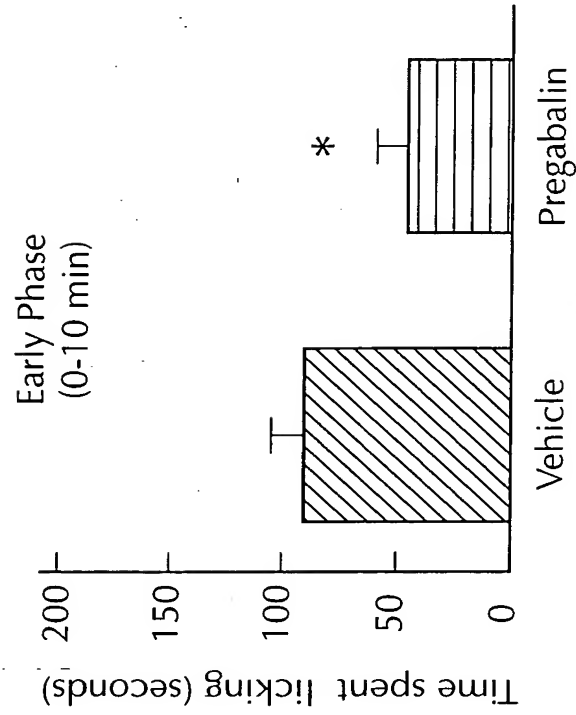


FIG. 3

**FIG. 4A**

R217A WILD TYPE Mice (N = 7)

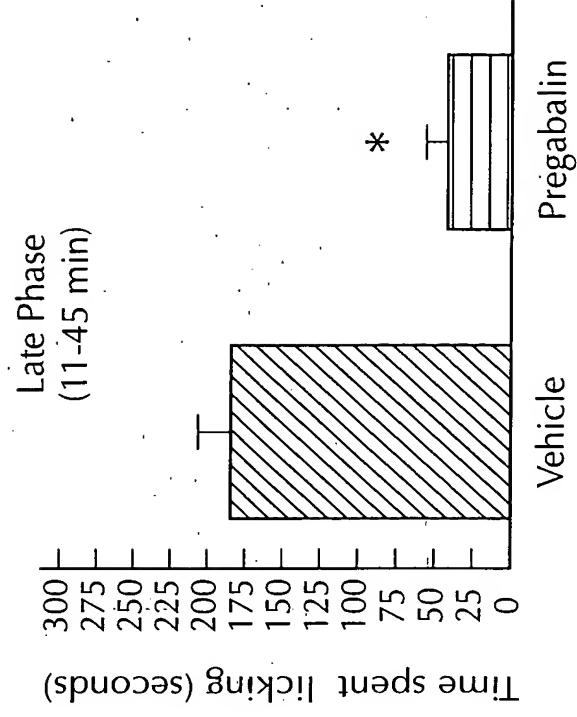


p < 0.05 (t-test: relative to vehicle-treated controls)

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 4B**

R217A WILD TYPE Mice (N = 7)

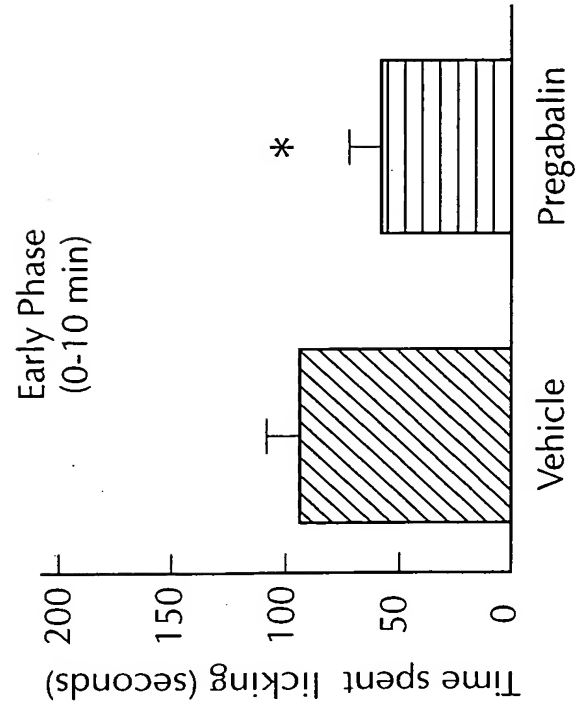


p < 0.05 (t-test: relative to vehicle-treated controls)

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 4C**

R217A HETEROZYGOTE Mice (N = 7-8)

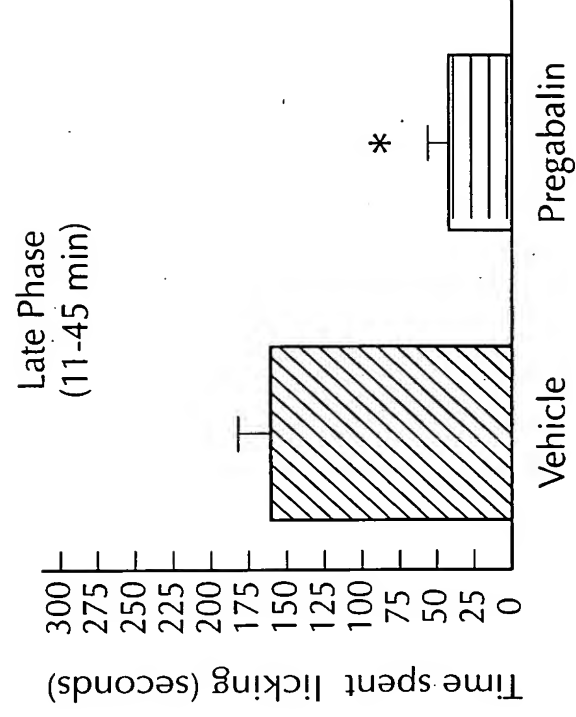


p < 0.05 (t-test: relative to vehicle-treated controls)

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 4D**

R217A HETEROZYGOTE Mice (N = 7-8)

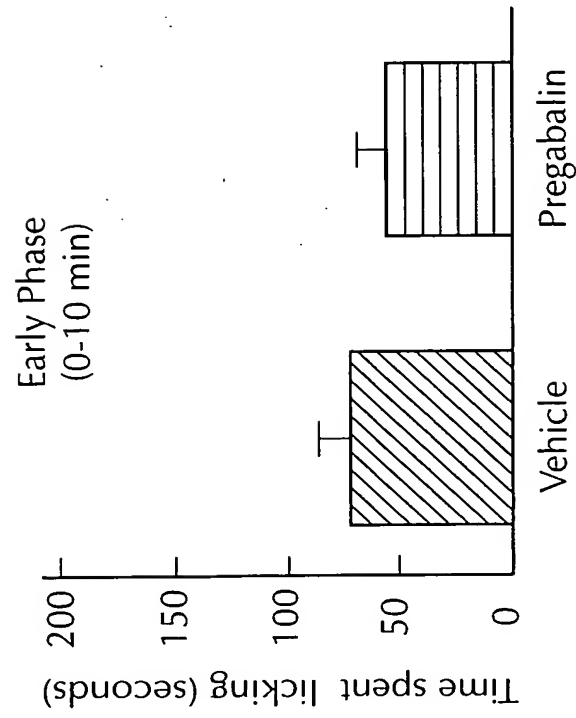


p < 0.05 (t-test: relative to vehicle-treated controls)

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 4E**

R217A HOMOZYGOTE Mice (N = 7)

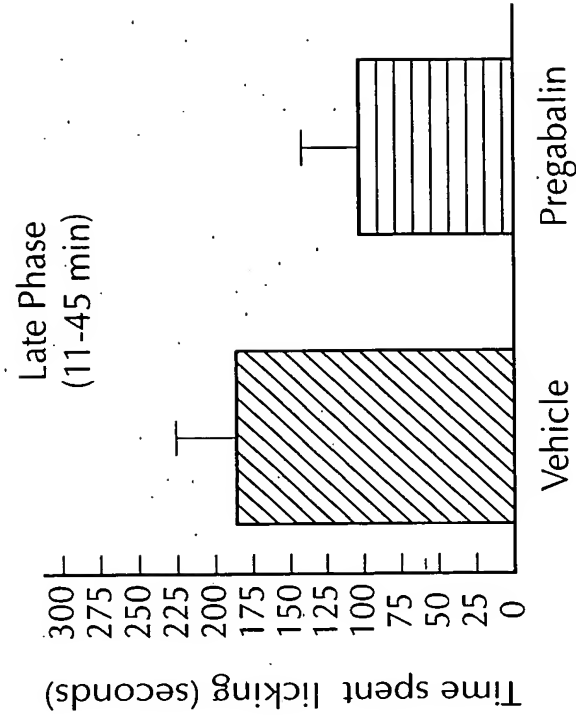


no significant differences between Vehicle and PGB-treated groups

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 4F**

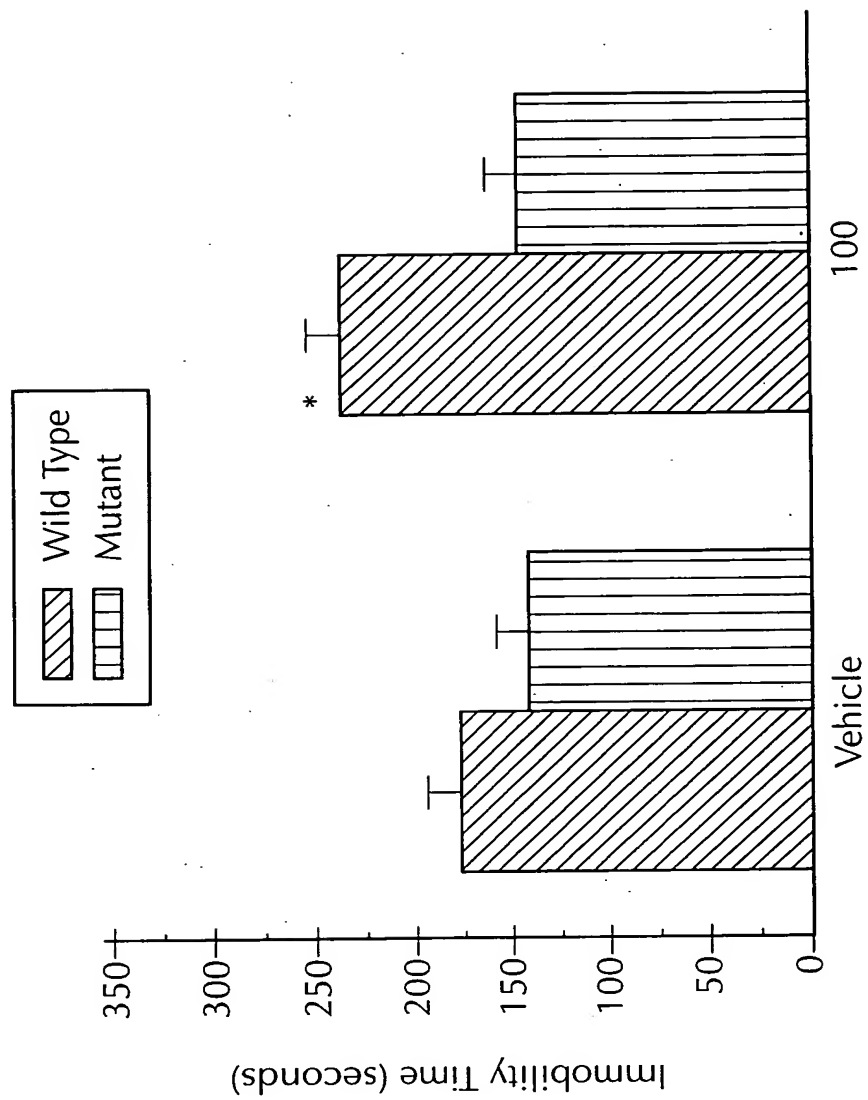
R217A HOMOZYGOTE Mice (N = 7)



no significant differences between Vehicle and PGB-treated groups

Treatment (100 mg/kg PO @ - 120 min)

**FIG. 5**



Dose (mg/kg PO @ - 120 min)

\*  $p < 0.05$  (t-test: relative to wild type controls)



FIG. 6

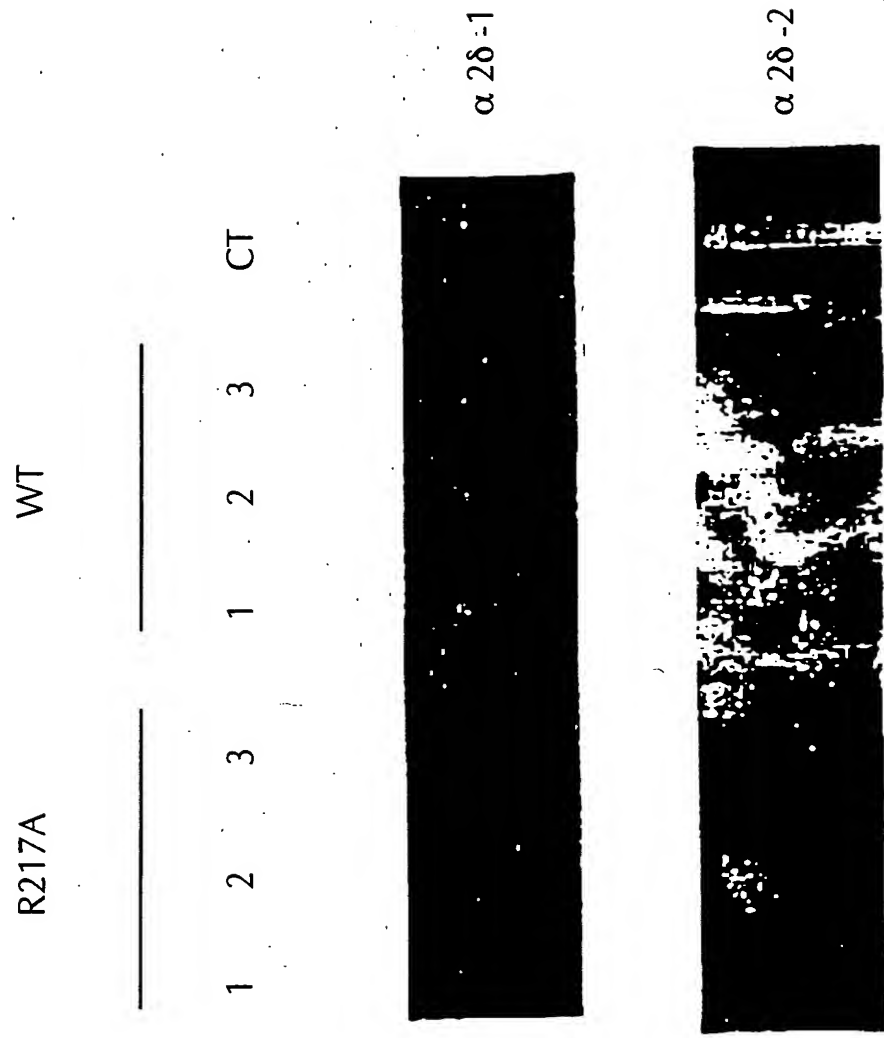


FIG. 7A

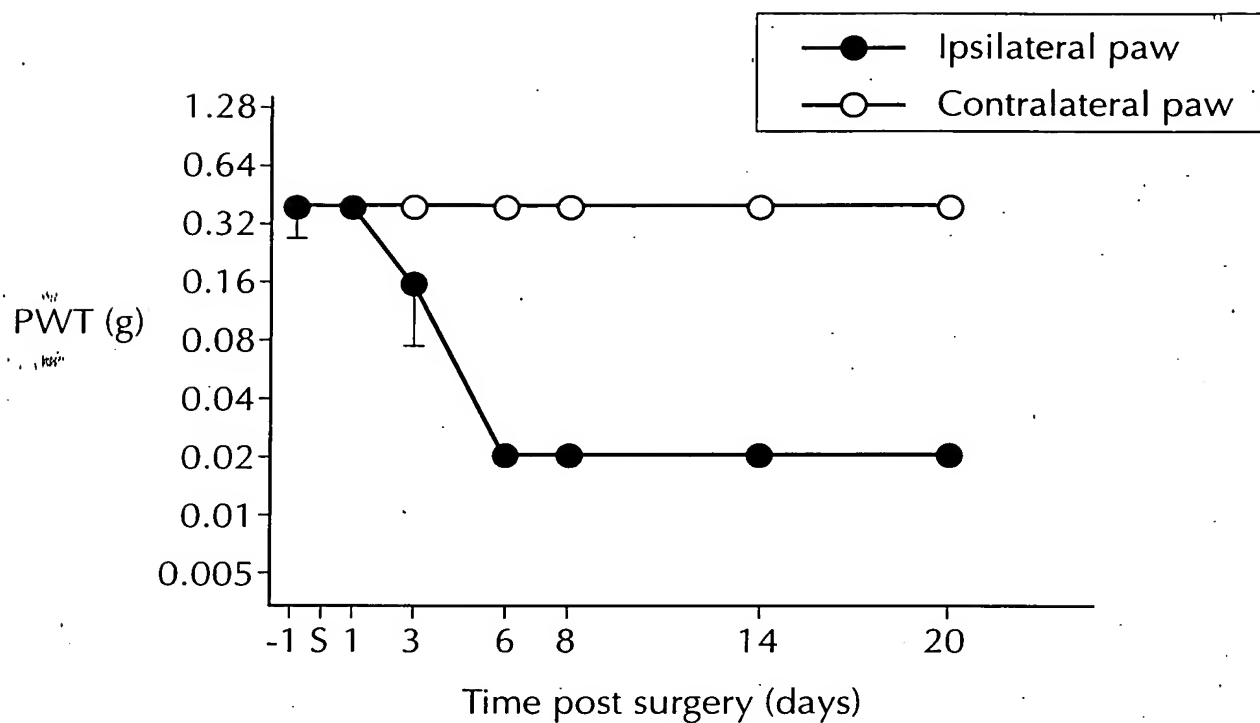
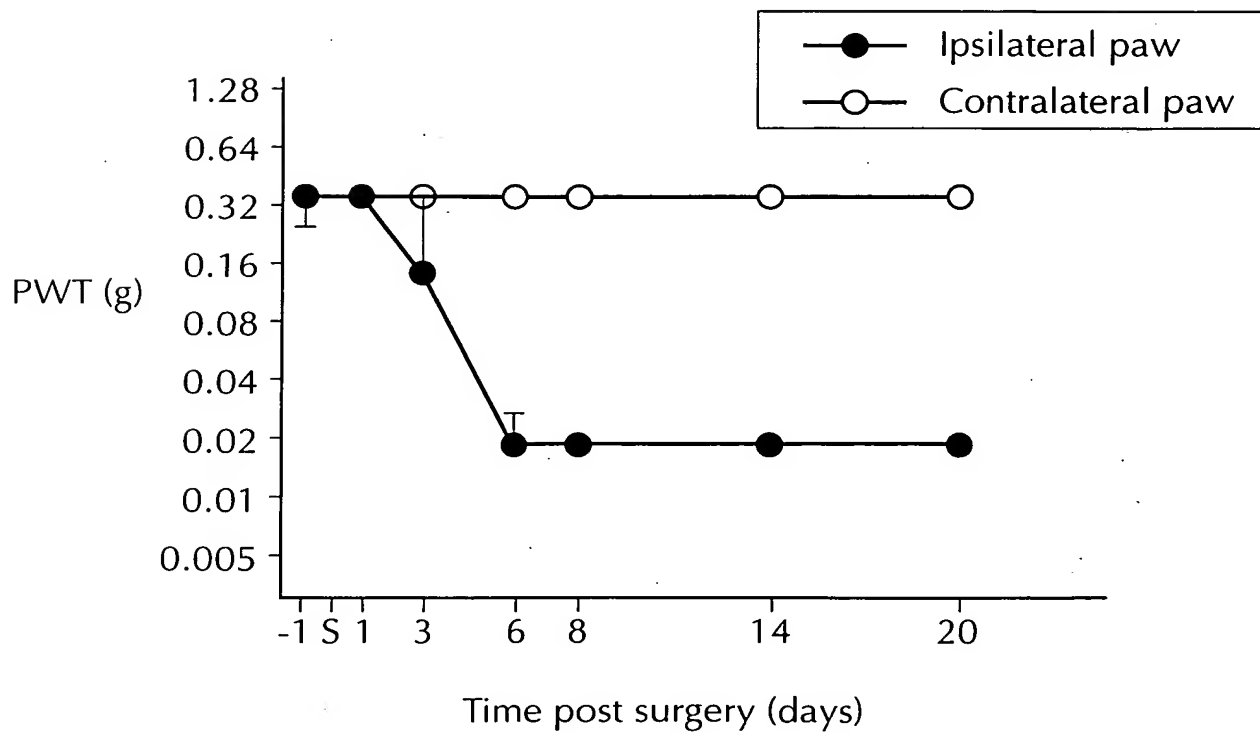
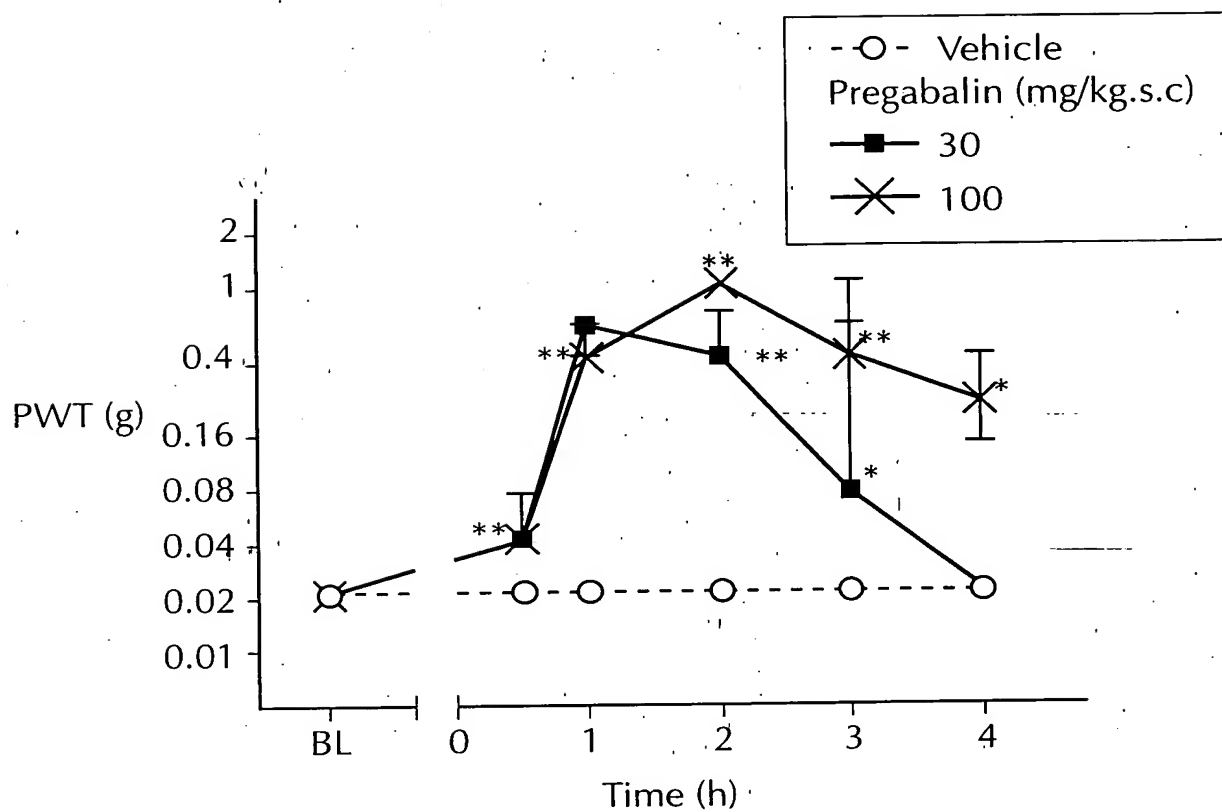


FIG. 7B



**FIG. 8A**



**FIG. 8B**

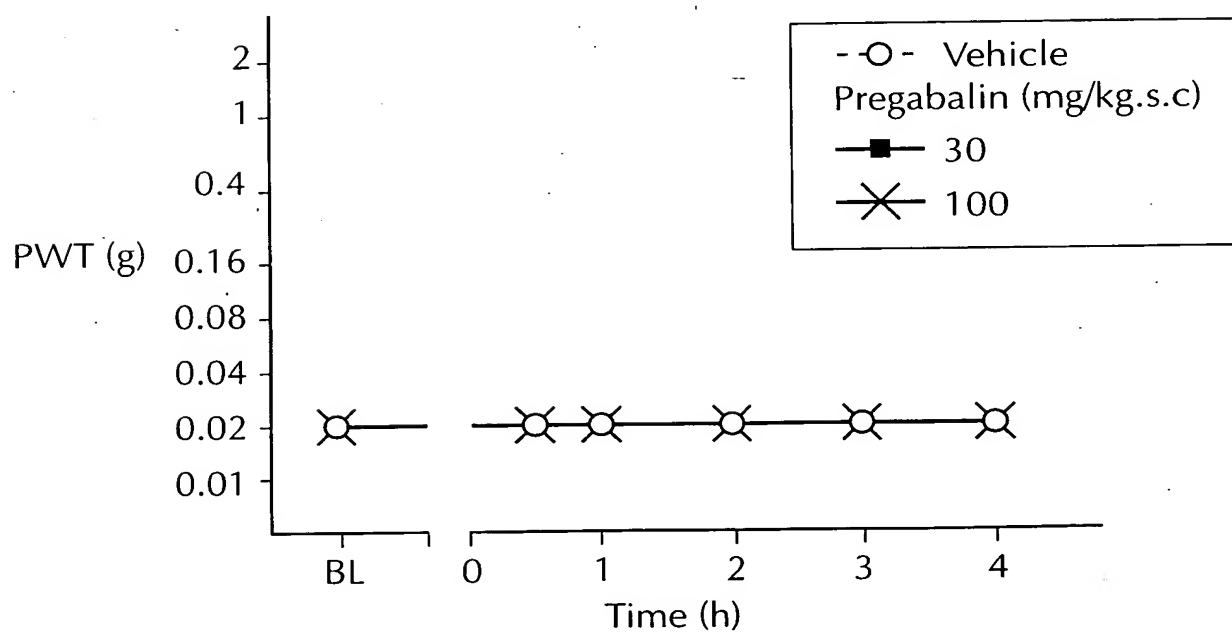


FIG. 9

